

JUN 18 2003

K031605

Endoscopy Division

Smith & Nephew, Inc.  
150 Minuteman Road, Andover, MA 01810-1031 U.S.A.  
Telephone: 978-749-1000  
Fax: 978-749-1599

**Smith+Nephew**

**Exhibit C**

**510(k) SUMMARY OF SAFETY AND EFFECTIVENESS INFORMATION** as required by the safe Medical Devices Act of 1990 and codified in 21 CFR 807.92 upon which the substantial equivalence is based.

**InteliJET™ Fluid Management System Hermes-Ready™**

Date Prepared: May 21, 2003

**A. Submitter's Name:**

Smith & Nephew, Inc., Endoscopy Division  
150 Minuteman Road  
Andover, MA 01810

**B. Company Contact**

Janice Haselton  
Regulatory Affairs Specialist II  
Phone: (978) 749-1494  
Fax: (978) 749-1443

**C. Device Name**

Trade Name:	InteliJET™ Fluid Management System Hermes-Ready™
Common Name:	Arthroscopic Fluid Management System
Classification Name:	Arthroscopes

**D. Predicate Devices**

The Smith & Nephew InteliJET™ Fluid Management System Hermes-Ready™ is substantially equivalent in Intended Use and Fundamental Scientific Technology to the following legally marketed device in commercial distribution: Smith & Nephew InteliJET™ Fluid Management System.

**E. Description of Device**

The Smith & Nephew InteliJET™ Fluid Management System Hermes-Ready™ is a microprocessor-based system designed for controlled delivery of irrigation fluid during intra-articular surgery. This controlled delivery is accomplished via an electronic pressure control loop between the control unit and the tube cassette. The addition of the Hermes Ready™ feature will enable voice and pendant

control of the pressure, mode, suction, and on/off functions when used in conjunction with a Hermes™ Digital O.R. Center.

#### **F. Intended Use**

The Smith & Nephew InteliJET™ Fluid Management System (FMS) is indicated for use during arthroscopic joint surgery to regulate flow of irrigation fluids through the joint to maintain intra-articular pressure for uniform distention and clear visualization of the surgical site.

#### **G. Comparison of Technological Characteristics**

The Smith & Nephew InteliJET™ Fluid Management System Hermes-Ready™ has the same technological characteristics and intended use as the predicate device, the Smith & Nephew InteliJET™ Fluid Management System. The addition of a communication interface for voice activation with the Hermes™ Control Center offers the surgeon direct communications without changing the intended use or features of the Smith & Nephew InteliJET™ Fluid Management System.

#### **H. Summary Performance Data**

All verification and validation data demonstrates that the device is safe and effective and performs as intended.



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Food and Drug Administration  
9200 Corporate Boulevard  
Rockville MD 20850

Ms. Janice Haselton  
Regulatory Affairs Specialist II  
Smith & Nephew, Inc.  
Endoscopy Division  
150 Minuteman Road  
Andover, Massachusetts 01810

Re: K031605

Trade/Device Name: InteliJET™ Fluid Management System Hermes-Ready™  
Regulation Number: 21 CFR 888.1100  
Regulation Name: Arthroscope  
Regulatory Class: II  
Product Code: IIRX  
Dated: May 21, 2003  
Received: May 22, 2003

Dear Ms. Haselton:

We have reviewed your Section 510(k) premarket notification of intent to market the device referenced above and have determined the device is substantially equivalent (for the indications for use stated in the enclosure) to legally marketed predicate devices marketed in interstate commerce prior to May 28, 1976, the enactment date of the Medical Device Amendments, or to devices that have been reclassified in accordance with the provisions of the Federal Food, Drug, and Cosmetic Act (Act) that do not require approval of a premarket approval application (PMA). You may, therefore, market the device, subject to the general controls provisions of the Act. The general controls provisions of the Act include requirements for annual registration, listing of devices, good manufacturing practice, labeling, and prohibitions against misbranding and adulteration.

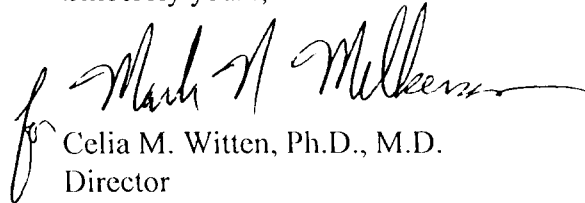
If your device is classified (see above) into either class II (Special Controls) or class III (PMA), it may be subject to such additional controls. Existing major regulations affecting your device can be found in the Code of Federal Regulations, Title 21, Parts 800 to 898. In addition, FDA may publish further announcements concerning your device in the Federal Register.

Please be advised that FDA's issuance of a substantial equivalence determination does not mean that FDA has made a determination that your device complies with other requirements of the Act or any Federal statutes and regulations administered by other Federal agencies. You must comply with all the Act's requirements, including, but not limited to: registration and listing (21 CFR Part 807); labeling (21 CFR Part 801); good manufacturing practice requirements as set forth in the quality systems (QS) regulation (21 CFR Part 820); and if applicable, the electronic product radiation control provisions (Sections 531-542 of the Act); 21 CFR 1000-1050.

This letter will allow you to begin marketing your device as described in your Section 510(k) premarket notification. The FDA finding of substantial equivalence of your device to a legally marketed predicate device results in a classification for your device and thus, permits your device to proceed to the market.

If you desire specific advice for your device on our labeling regulation (21 CFR Part 801), please contact the Office of Compliance at (301) 594-4659. Additionally, for questions on the promotion and advertising of your device, please contact the Office of Compliance at (301) 594-4639. Also, please note the regulation entitled, "Misbranding by reference to premarket notification" (21CFR Part 807.97) you may obtain. Other general information on your responsibilities under the Act may be obtained from the Division of Small Manufacturers, International and Consumer Assistance at its toll-free number (800) 638-2041 or (301) 443-6597 or at its Internet address <http://www.fda.gov/cdrh/dsma/dsmamain.html>

Sincerely yours,

A handwritten signature in black ink, appearing to read "Celia M. Witten", is written over the typed name.

Celia M. Witten, Ph.D., M.D.  
Director  
Division of General, Restorative  
and Neurological Devices  
Office of Device Evaluation  
Center for Devices and  
Radiological Health

Enclosure

**Indications for Use**510(k) Number (if known): K031605Device Name: InteliJET™ Fluid Management System Hermes-Ready™**Indications For Use:**

The Smith & Nephew InteliJET™ Fluid Management System (FMS) is indicated for use during arthroscopic joint surgery to regulate flow of irrigation fluids through the joint to maintain intra-articular pressure for uniform distention and clear visualization of the surgical site.

(PLEASE DO NOT WRITE BELOW THIS LINE – CONTINUE ON ANOTHER PAGE IF NEEDED)

Concurrence of CDRH, Office of Device Evaluation (ODE)

Prescription Use  OR  Over-The-Counter Use \_\_\_\_\_

(Per 21 CFR 801.109)

(Division Sign-Off)

Division of General, Restorative  
and Neurological Devices

510(k) Number

K031605InteliJet™ Fluid Management  
System HERMES - Ready™